



Pending sections for future roadways in RCI and FDOT'S basemap

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Overview

- History
- Proposed Express lanes for I-95 & I-75
- Existing I-595 Reversible lanes and Eller Drive
- Advantages to district offices and internal users
- Benefits of approach to district office, internal and external users
- D4 recommendations

History

Basemap

- Sections created for I-595 Reversible lanes (approximately 60)
- Sections created for Eller Drive
 - Pending
 - Off/On SHS
- GIS office from CO
- Misleading to the public

Current I-95 Express lanes



I-95 Express lanes typical section



Current I-75 Express lanes

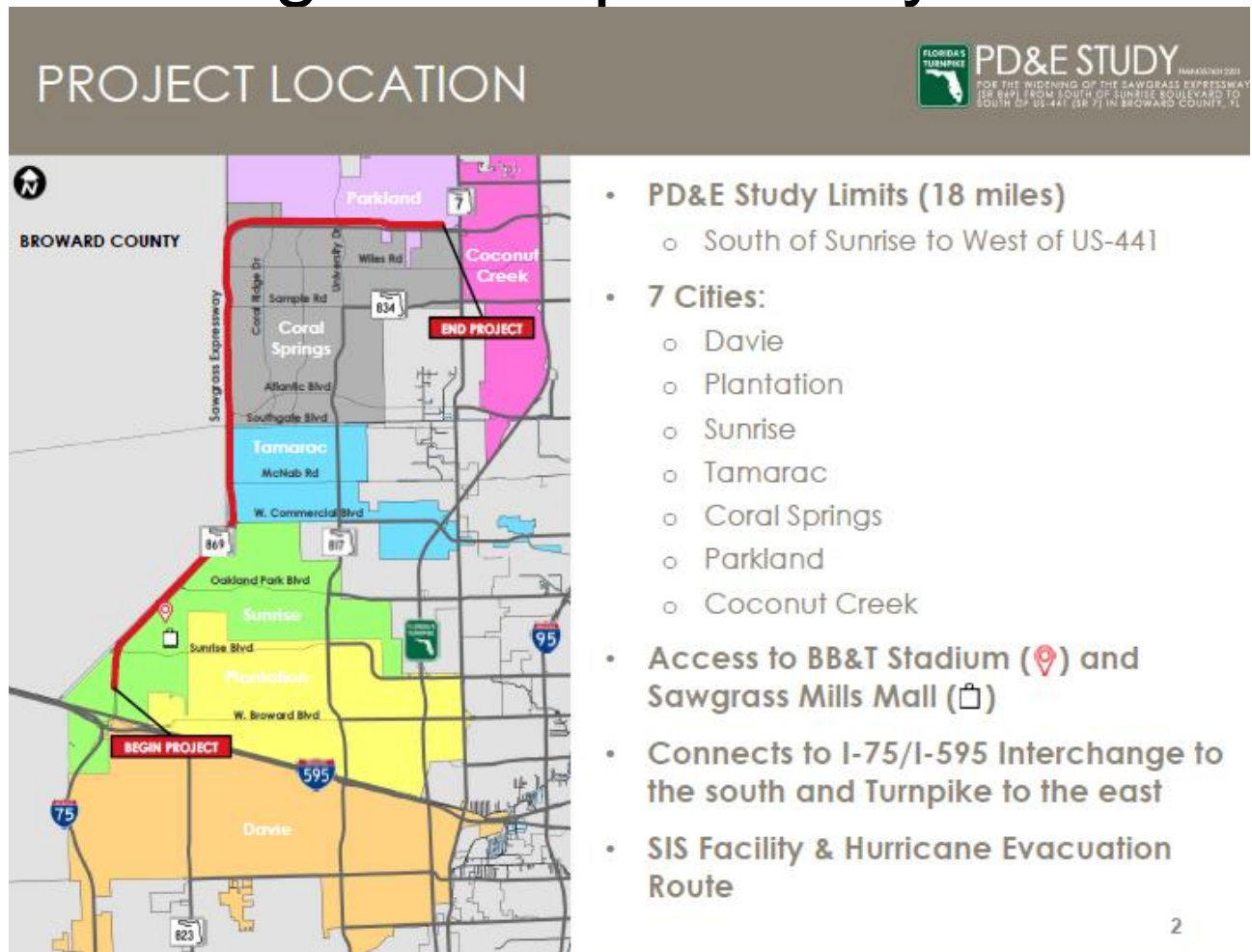


I-75 Express lanes typical section



Future SHS roadways

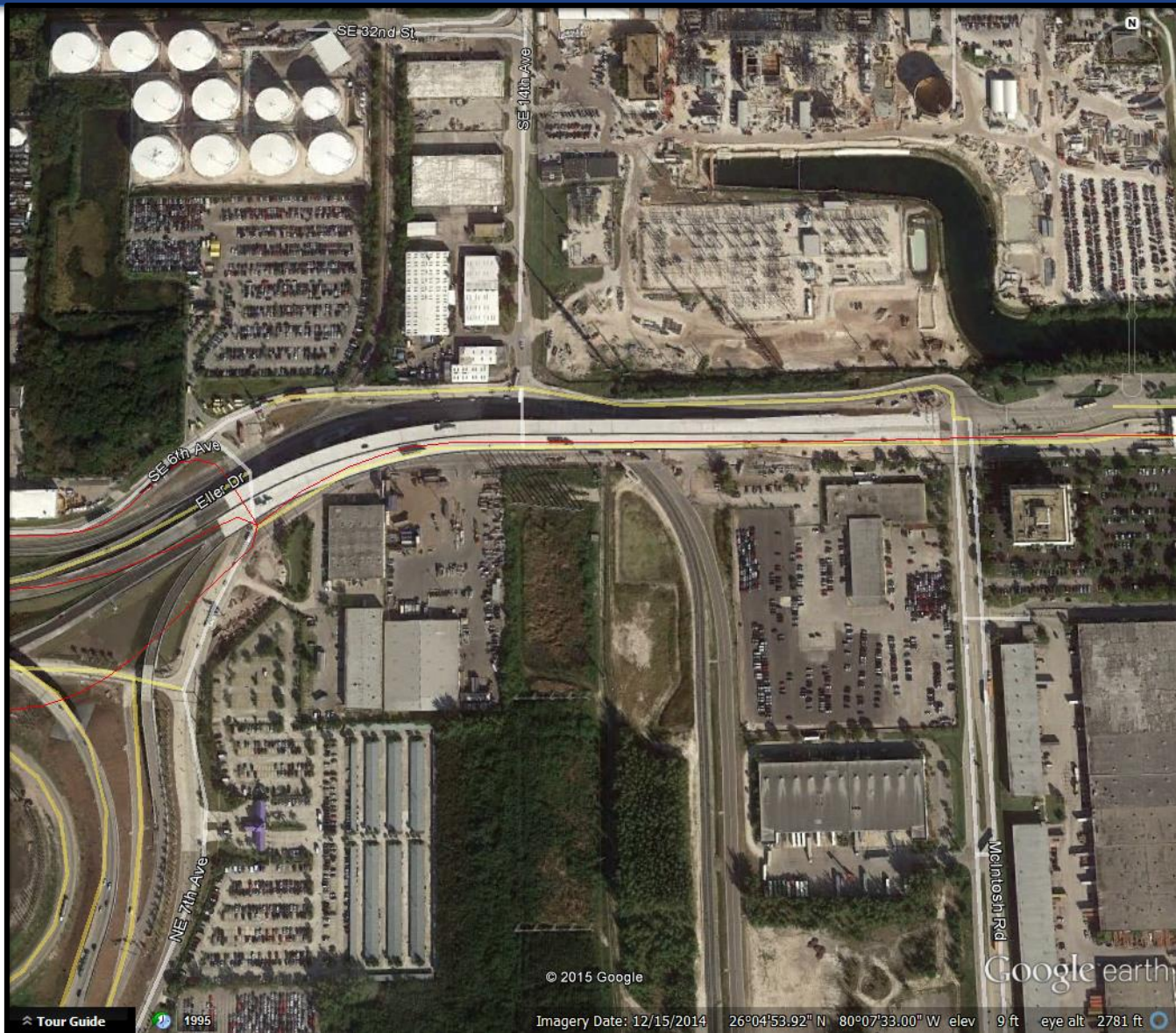
- SR-869/Sawgrass Expressway



I-595 reversible lanes-completed

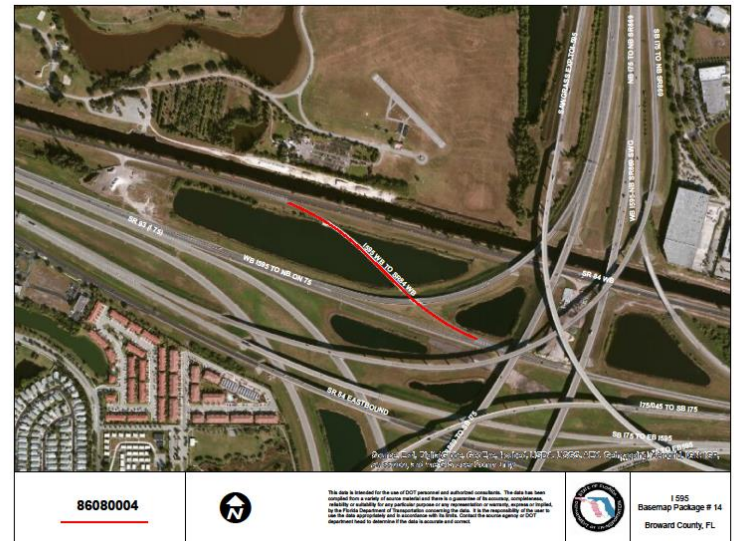
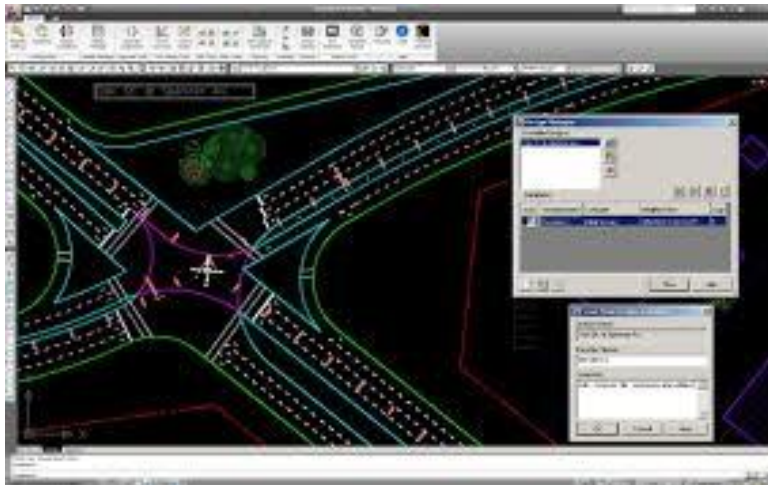


Eller Drive - completed



D4's approach to creating new roadway sections

- Met with construction PM to explain our process and to try to understand the scope.
- PM provides a copy of the final design plan in CADD format.
- Import CADD files into GIS for an overlay of the alignment
- Create sections!!!



Advantages to District offices

TranStat:

- TCI: Locate sections breaks for new Permanent Traffic Monitoring Sites (PTMS)
- DATA: Prepare location maps with new alignments
- RCI: Proactively create pending sections

Maintenance & Program Management

- Structures: Update Pontis and provide to CO for Permitted Loads
- Work program database correctly reflects projects
- Budget

ROW:

- Identify ownership and alignment of roadways
- New roadway ID (Eller Drive)
- Structures on ramps to determine ownership
- Identify impacts to surrounding parcels

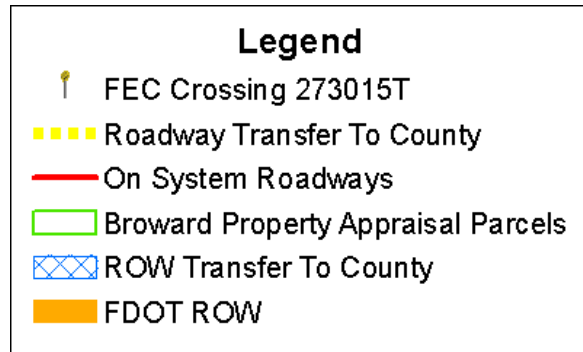
Traffic Operations:

- Identify posted speed limit

Traffic characteristic inventory (TCI)



ROW parcels



Maintenance

- Future fiscal year budget...



Benefits to FDOT

- Planning of future roadway needs or future roadways
- Future needs for other offices
- Future SIS funding reports
- Quantify Functional Classification miles, SHS and lane miles

Benefits to FDOT

Assist other FDOT offices in their processes

- Budget
- Pontis
- RCI database
- Traffic

Minimal coordination of offices when construction is completed

Lessons learned

- There is a need GIS shapefile for Central Office to maintain
- District 4 Secretary would like to have a comprehensive database

Thank you